Math1210 Midterm 3 Review Problems
Kelly MacArthur

Chapter 3 Review (Concepts Test) pg 209-210
#4 - 12 all, 15, 17, 19, 21, 22, 24, 27, 36, 38, 40, 41, 42

Chapter 3 Review (Sample Test Problems) pg 210-213
#40-43 all, 45, 49, 50, 53-73 odd

Chapter 4 Review (Concepts Test) pg 270-271
#1-3 all, 8, 9

Chapter 4 Review (Sample Test Problems) pg 272
#13, 18-21 all

4.2 pg 231
#12, 14

I would also recommend you look over your quizzes that cover this material and redo those problems, as well as reviewing the notes from class.

The test covers sections 3.4, 3.6-3.9, and 4.1-4.2.

You can bring one 8.5 x 11 inch page of notes (on both sides, if you want) to use as a reference.   You will also need a calculator for part of this exam. You can bring either a scientific or graphing calculator, but no cell phone, tablet or computer calculators are allowed.

Topics:
--Optimization Story Problems
--Mean Value Theorem for Derivatives
--Solving Equations Numerically
- Bisection Method
- Newton's Method
--Antiderivatives
--Solve Differential Equations
--Special Sum Formulas/Area
--Definite Integral (evaluate using definition)